

FORTY-SECOND

ANNUAL REPORT

ON THE

SANITARY CONDITION

OF THE

BOROUGH OF LONGTON,

WITH

Vital Statistics for the Year 1906,

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1907.

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With Vital Statistics for the Year 1906.

Mr. CHAIRMAN AND GENTLEMEN,

I have the honour to present to you my Fifth Annual Report, the Forty-Second since the Incorporation of the Borough.

Population

The population estimated to the middle of the year is 36,797, a slight increase on last year, and an increase of close on 1,000 since the census in 1901.

Census 1901 35,815

36,776

Middle of 1905 Middle of 1906 36,797

Death Rate

This is unfortunately higher than it has been since 1900, and is due mostly to infantile diarrhæa, which was so prevalent during the months of August, September, and October.

> Death rate 1905 Death rate 1906 20.6

22.0

The death rates for the year in the six Pottery towns compare as follows:

> Stoke-on-Trent 13.3 Fenton 16.8 Longton 22'9

Tunstall 17.3 Burslem 18.6 Hanley 19.6

Infantile Mortality

I regret to record that this is again very high, 234.5 per 1,000 births: on referring to the past ten years, I find this rate has not been so high since 1900, when it was 255.7. will find the table for the decade in the vital statistics.

> 1906 1905 196.7 234.5

On examining the table of Infantile Mortality, and contrasting it with 1905, I find the increased mortality is due to diarrhœal diseases :-

1905 Diarrhœa, all forms 53 Enteritis (not Tuberculous) 11 Enteritis (not Tuberculous) 17 Gastritis & Gastro-Intestinal Catarrh 14

1906 Diarrhæa, all forms 123 Gastritis & Gastro | Intestinal Catarrh | 5

I shall have more to say about this later, when I come to diarrhæa. Compared with the whole of England and Wales and the larger and smaller towns, Longton's record is a bad one.

> For the whole of England and Wales, 133 76 largest towns, 146 142 smaller towns, 138

Also with the neighbouring Pottery towns the comparison is bad for Longton.

> Tunstall 1854 Burslem 185 Hanley 159

Stoke-on-Trent 136 Fenton 157 Longton 234.5

Birth Rate

Our birth rate has risen this last year.

1905 1906 35.6 36.4

Measles

The epidemic of measles in 1905 abated during the Christmas holidays, and although the number of cases reported to me by the School Attendance Officers each week at the beginning of 1906 showed a slight increase in one or two Schools for a week or two, I did not consider the increase sufficient to justify me in advising any further closures, and the epidemic rapidly declined from the end of January. Since then we have only had a few cases reported occasionally driung the rest of the year.

Whooping Cough

Whooping cough assumed an epidemic form towards the end of the year, and necessitated the closing of the Infant departments in the Queensbury Road and Normacot Schools on the 3rd of November for 3 weeks, at the end of which time it was thought advisable owing to the nearness of the Christmas holidays and the continuance of the epidemic not to re-open these two departments till after the Christmas holidays. and at the same time to order the closing of the Infant departments of the Florence, High St., and Uttoxeter Road Schools for the same period.

This closure has been followed by satisfactory results as the weekly notifications since the holidays have shown. Although so prevalent during the last quarter of 1906 there were only 13 deaths from whooping cough, compared with 10 in 1905. Of these 13 deaths, 7 were in children under one year, and 6 between one and five years.

Diphtheria

I am pleased to record that there were fewer cases of diphtheria and membranous croup notified during 1906 than in the previous year, and also fewer deaths with a consequent lower case rate.

1905 Number of cases 64 ,, deaths 8

1906 Number of cases 57 deaths 2 Case rate per 100, 12.5 Case rate per 100, 3.5

Scarlet Fever

There were 150 cases of scarlet fever notified of which 87 were sent to Bucknall Isolation Hospital. I believe if we could have sent our cases into Hospital always soon as they were notified, we would have had fewer cases to record. This delay in gaining admission was occasioned by the Hospital being so fully occupied by cases from the other towns which are joint owners with Longton of this Isolation Hospital. There were only 4 deaths out of these 150 cases, giving a case rate of 2.6. There were no deaths in the 87 cases sent to Bucknall.

Typhoid Fever

There were 31 cases of typhoid fever notified during 1906, 8 of which were removed to Bucknall, of which number I died the day following removal to Hospital. It is unfortunate that the distance to Hospital is so great for typhoid cases, as frequently notification of this disease cannot be sent in until the patient is too ill to be able to bear the strain of a distant removal, and consequently I have reluctantly had to keep the cases at home in several instances when it would otherwise have been better for both the patient and his friends if he could have been nursed in Hospital. Five of these 31 cases were fatal giving a case rate of 16:1.

The 31 cases occurred in 30 houses, an analysis of the condition of each house is appended.

Enteric Fever Cases in 1906.

With which is included one case of Continued Fever.

Ref.	1	Numbe	r of	Venti-	Dr	ainag	е	Clos	Outs		tion	A	sh-pit	s
No.	Isolation	Occupants	Rooms	lation	Sink cut off	Vent	Not	W.C.	Hand- flushed	Slop	Privy	Open	Cov'd	Bins
					Citt on		Vent		nusned	10,0.	•			
1.5	Sitg-r'm	8	4	Thro	none	1		1					1	
2-5	Bed-room	7	4	,,	1		1		1			1		
4.4	Livg-r'm	3	3	,,	none		1		1			î		
5.1	Bed-room	3	4	, ,	1		1		1			î		
5-3	Livg-r'm	6	3	1,	1]		1			•	1	ĺ
6-1	Bed-room	6	3	,,	none		1				1		1	
6-3	,,	3	3	,,	1		1	1					1	1
6-5	, ,,	5	4	,,	1		1			1			1	
12-1	Sitg-r'm	8	4	, ,	1		1				1		1	
16.4	Livg-r'm	3	2	, ,	1		1		1			1		
22.4	Bed-room	6	4	, ,	1		1				1		1	
$23 \cdot 1$	> 1	6	4	1 2	1		1				1		1	
24.5	Sitg-r'm	6	4	1)	none		1				1		1	
25-1		ease in-	for-	ma-	tion	as	24-5							
26-3	Bed-room	3	3	Thro'	none		1				1	1		
26-4	, ,,	3	4	2.1	1		1		1				1	
31-2	Livg-r'm	4	5	2.7	1		1	1					1	
36-1	Bed-room	4	4	1 3	1	1				1			1	
36-3	Sitg-r'm	6	.5	11	1		1		1			1		
38-3	Bed-room	5	.5	1 1	1		1				1	1		
41.3	,,,	4	4	1 2	none		1				1		l	
42-2	6124 22	3	4	, ,	1		1				1		1	
43-1	Sitg-r'm	7	4	3 1	none		1	1				1		
43 4	Bed-room	4	4	2.1	1					1		,	1	
47-1	Livg-r'm	8 5	3	1 1	none		1			,	1	1	. 1	
50-2 51-1	Bed-room Livg-r'm	6	. õ	2.1	1		1		,	I			1	
51-3	_	4	3 2	1 1	none		1	1	1			1	1	
52-2	Sitg-r'm	ð	4	1 1	попе		1	1			1	1	,	
52-4	Livg-r'm	8	3	11	1		1		1		1	1	1	
52-5		6	4	, ,	1		1		1	1		i	1	
5 3 ·3	,,	Second	case	at	51-1		1			1			1	
000	"	- ()////(****	.,1-1									
32	Livg-r'm				Cutofl									
cases	17			30	20	-2	28	5	9	5	11	11	19	
in 30	Bed-r'ms			,,,,	None	-	air ()	.,	.,	4.5	1 1	1.1	1.17	
Houses	15				10								l.	
-			-											with the same

Small-pox

We have not been visited by this disease during 1906.

Diarrhosa

Diarrheea has unfortunately proved very fatal during 1906, and especially during the months of August, September, and October, and is the chief factor in our increased death rate for the year.

The total number of deaths from diarrhea was 144, 143 of which were under five years of age, and 123 under one year. The Local Government Board ordered a Special Report concerning this high mortality from Summer Diarrhea, a copy of which I append.

SPECIAL REPORT To the Local Government Board

ON

INFANTILE DIARRHŒA

During August, September, and October, 1906.

Having been requested by you to furnish a Report on the prevalence of Infantile Diarrhæa in the Borough of Longton during the three months ending October, 1906, I herewith append a table of statistics in connection with the 120 deaths therefrom during that period.

Infantile Deaths from Epidemic Diarrhoa, August, September, and October, 1906.

	Number of Deaths 120.	IS 120.	Under One Year 102. Under Five Years 18.	22.2	
Condition of Houses.	Sanitary Conveniences	Ash-pits	Mother	Mode of Feeding	Treatment of Milk
Cleam 96	Cesspools 51	Covered59	At home 57	Breast	18 Boiled 65
Clean, but out of repair 3	Hand-flushed Pans (good) 20		Works away from home52	Bottle tube 49	Not Boiled 1
Dirty 13	Hand-flushed Pans	Sms 2	Dead 1	Bottle Hyglenic	Nestle's 8
Out of repair and otherwise defect.	order 24	Ashpit accom-	Shop 4	Hand 12	
ive 5	Water Closets 7	moragini	Cripple 1	Breast and Hand	
Left	Ducketts and Fowlers 10		Consumptive 1	Breact and	
	*		Lunatic 1	Bottle 3	
			Visiting 1		
			Workhouse 1		

On studying this table several significant factors stand out as tending to produce this large number of deaths, viz:-

1.—The number of insanitary conveniences and ash-pits.

2.—The number of mothers who go out to work.

3.—The number of artificially fed babies.

Also, though this is not shown in the table, I know positively that a great deal of carelessness exists in the way of keeping the milk, both in milk shops and in the people's own houses, also in preparing the milk and in the caring for the bottles. I believe the milk shops are responsible for a great deal of milk contamination, which will continue as long as general shops purveying any and all sorts of articles are allowed to be registered as milk shops. In very few houses do they get in their milk fresh twice a day for the children, and when one adds to this that milk is frequently left uncovered, it is not to be wondered at specially if it has come from one of the above mentioned milk shops, that the children should receive it in a contaminated form.

I reported fully last year as to the measures taken by the Sanitary Authority to combat these evils, but I may just briefly summarize as follows:—

There is a qualified sanitary inspector who is daily visiting and noting insanitary conditions both inside and outside the houses, and the condition of back passages, and serving notices we the same.

There is also a lady sanitary inspector who visits all the houses where recent births have taken place, and advises both verbally and by leaflet, how to care for the babies and the milk, and also makes notes of any insanitary condition and reports the same to the sanitary inspector. She makes repeat visits when she has reason to think the mothers are careless. Early in the summer before the diarrhea set in, I advised her to distribute special leaflets on "How to prevent Diarrhea."

This summer has been rather later than usual, and the very long spell of dry hot weather allowed our main sewers to become much fouler than is generally the case, as we have no special flushing tanks to the sewers, and the mere emptying of a water-cart load of water down a manhole occasionally could not have much effect on the contents of the sewers. If the pollution of air caused by this condition

of the sewers is added to that from the privy cesspools and ash-pits, both covered and uncovered, there is no doubt but that the vitality of a great number of children living amidst such surroundings must be lowered, and consequently they are rendered much more liable to succumb to diarrhæa if it attacks them.

The Sanitary Committee a few years ago constructed a flushing tank for one of the sewers, when the cost of the water was found to be so great the Committee ceased to use it or to construct any others.

As for the privy cesspools and ash-pits, the Authority is endeavouring to have them converted as rapidly as possibly, but is quite unable owing to the high rates to tackle the system wholesale.

I am afraid we cannot overcome the ignorance and carelessness of some of our present mothers, but I am hopeful that when the teachers in our Elementary Schools have received the training in Hygiene which has recently been started for them, and so can impart this knowledge to their pupils—the future mothers—we can look for better results in the care and management of babies and young children, and as a consequence the permanent lowering of our diarrhœa death rate.

The Mayoress has kindly consented to organize a band of lady visitors under the supervision of the Lady Sanitary Inspector, to help in visiting and advising some of the mothers on such matters as how to take care of the milk, how to prepare it, and how to keep the bottles clean. It will be interesting at the end of the year, especially if we have another hot summer, to note the result of this experiment on the infantile mortality, especially in relation to summer diarrhoea.

Phthisis

There were 62 deaths from phthisis, the highest number we have had during the past ten years. We disinfect after death, in all cases that come to our knowledge, and would willingly do so occasionally during life if we knew of the existence of such cases, but until phthisis is notifiable, we cannot obtain such information. The death rate from phthisis is 1.6 per 1,000 living.

Sewage Disposal

I reported fully last year on the New Sewage Works and I have nothing fresh to add to that report this year as the Bacteria Filters are not yet in working order.

Water-Supply to Sewage Farm

I am very pleased to report that this very important work has been completed during the past year, and the Sewage Farm is now supplied with fresh water by the North Staffordshire Potteries' Waterworks Co. I hope this water supply will soon be extended to the cottages belonging to the farm, and in which the farm employees live, as at present these people have to depend for their water supply on a very doubtful well.

Re-Sewering of Dresden I must again bring before your notice the re-sewering of Dresden, the necessity of which you recognised four years ago, when you passed a resolution ordering the same to be done,

Farms and Cow-Sheds

Some radical action will certainly have to be taken in connection with the cow-sheds, as they continue to be overcrowded, ill lighted, and ill ventilated, and some of them are badly constructed. It is difficult to persuade some of the farmers that cows require fresh air and cleanliness as much as other animals do, but the farmers of this district are not peculiar in this respect, as it is a well known fact that all over the country with a few exceptions here and there, the cows and cow-sheds are not kept in a hygienic manner, especially in the winter months. The popular idea is that unless the cows are kept very warm they will not give a good supply of milk. Of course the danger of the over-crowding, bad lighting, and bad ventilation, combined with dirt, is that tuberculosis is much more rife amongst cows than it would be if they were properly cared for, and consequently the farmers really suffer more loss from this disease than they would, presuming the cows did not give so much milk because they were not kept quite so warm. Therefore it follows that in the interest of the farmers themselves it would pay them better if they would only look at the sanitary improvements we would like to institute from this point of view.

Milk-Shops

l can only repeat in connection with milk shops what I said last year, viz.:-" It is a pity that milk should be sold in ordinary shops where all sorts of goods are exposed for sale. I should like to see such shops with glazed tiles on the walls and counters, and nothing but milk, butter, and eggs for sale there, also the shop should be cut off as much as possible from the house."

Slaughter-Houses These are being well looked after.

Meat Inspection This has been thoroughly and systematically carried out, there were 5 seizures of meat during the year.

Beef in February with conviction.

Pork in March, surrended by the butcher so
no proceedings were taken.

Pork in May, conviction.
Beef in September, convⁱction.
Cow's Cheek in October, discharged.

Factories and Workshops These have been carefully inspected as the table at the end will show.

Bakehouses

There are no under-ground bakehouses, and there is nothing calling for special mention in connection with bakehouses in the Borough.

On referring to the Vital Statistics you will find all the figures necessary to inform you of the diseases which have troubled the Borough during 1906. Your sanitary inspector, Mr. Carratt, has continued his excellent work during the past twelve months, and you have been pleased to recognize his worth by an increase of salary. I hope the town will be able to retain his services for many years, as although he has done excellent work since he came, there still remains such a great deal of sanitary improvement to be brought about, that unless we maintain a consecutive policy it must needs take much longer to effect these improvements. This consecutive policy cannot be maintained if the chief instrument in working it out is changed too often. I am induced to give the above warning in as much as we have changed our lady sanitary inspector three times during the past twelve months, it significant that our infantile death rate has gone up very alarmingly in that time. However, the present sanitary inspector is proving herself very energetic, painstaking, and tactful, and so I hope to see a good result from her work in the coming year.

ADVANCES IN SANITATION DURING 1906.

1. Proper Water supply to the Sewage Farm.

IMPROVEMENTS URGENTLY NEEDED.

- 1. More rapid Abolition of Privy Cesspools and Ash-pits.
- 2. Improvements in Cowsheds generally.
- 3. Regular Medical Inspection of School Children.
- 4. Re-sewering of Dresden.
- 5. Establishment of a Mortuary.
- 6. Sanitary Municipal Offices

Again thanking you for your continued courtesy and support, I know if the rates were not so high you could help me more.

I am, Gentlemen,

Your obedient servant,

J. W. DAWES.

Medical Officer of Health.

Borough of Longton.

Vital Statistics

for 1906.

Area and General Character of the Borough The Borough of Longton is about 1,934 acres in extent, and lies on the southern extremity of the Potteries. It is bounded by opened country on the east, south and west, and is divided into two main watersheds drained respectively by the Anchor Brook and the Dresden Brook.

The height above the sea level varies from 676 feet at Sandford Hill, 656 feet at the Meir Church, to 474 feet at the Market Place, and 399 at Longton Pool.

In the south-east corner of the Borough, at Normacot, the Pebble Beds or conglomerates of the New Red Sandstone appear, otherwise the town stands on the south-east margin of the North Staffordshire Coalfield, and the surface consists mainly of clays.

For electoral purposes the Borough is divided into ro Wards: Dresden, Florence, Normacot, Meir, St. James,' Sutherland, St. John's, Sandford Hill, St. Paul's, and the Market Ward.

Trades

The chief industries of the district are: The Manufacture of China and Earthenware, and Coal Mining.

Population

When estimating the population this year and finding that it showed a considerable decrease since the census in 1901, and yet according to the Burgess Roll an increase should be recorded, reference was made to the official list published after the census, and it was found that the figures with which I was supplied, on taking office in Oct 1902, were incorrect and affected the estimations of the population from that date. The original mistake was in the number of inhabited houses, which has always been supplied by the rate collectors. They returned the number of inhabited houses, at the time of the census, as 7,235, whereas the number from the official list issued by the Registrar General was 7014. This

mistake led to an under-estimation of the number of persons per house viz: 4.95 instead of 5.14, and in consequence our population each year has been estimated lower than it should have been. Last year I am afraid there was also a discrepancy as to the number of inhabited houses. However to avoid these possible errors in the future, the sanitary committee will authorise someone to take a census each year of the number of inhabited houses.

Number of Houses.

				1903	1904	1905	1906
Old Borough &	East	Vale		4,605	4,601	4,599	4,599
Florence				2,499	2,501	2,511	2,544
Dresden			• • •	679	683	683	683
	r	Fotal		7,783	7,7 ⁸ 5	7,793	7,826

Inhabited Houses.

		1903	1904	1905	1906
Old Borough & East Vale			4,160		
Florence		2,39 I	2,348	2,351	2,391
Dresden		643	622	650	635
Total	• • •	7,209	7,130	7,155	7,159

Void Houses.

		1903	1904	1905	1906
Old Borough & East Vale		430	44 I	445	466
Florence		108	153	160	153
Dresden	• • •	36	61	33	48
Total		574	655	638	667

Year		dation according to ber of Inhabited H		Natural Increase
1903	• • •	37,054	• • •	532
1904	• • •	36,648	• • •	608
1905	* * *	36,776		551
1906		36,797		494

There are 19 persons per acre in the Borough.

BIRTHS.

Number of Births registered in the dis	strict du	ring	
the year 1906			1324
Birth rate per 1,000 of the population			35'9
Number of births in Stoke Union who	se motl	iers	
were residents in the district			16
Corrected number of births			1339
Corrected birth rate			36.3
Number of Illegitimate births			99
Rate per 1,000 birth			73
Birth rate for the 76 large towns			29.9
" " " 142 smaller towns	* * *		26.5
" whole of England and	Wales		27.0

BIRTH RATES FOR LAST TEN YEARS.

1897	 39.3	1902	 37.8
1898	 39.3	1903	 35.2
1899	 37.8	1904	 37.3
1900	 38.8	1905	 35.6
1901	 36.4	1906	 36.4

The highest birth rate was recorded in January 45.3, and the lowest in September 27.7.

DEATHS.

Number of de	aths	registere	d in the	distric	t in 1906	 776
Death rate pe	r 1,0	ooo living				 21.08
Number of de	aths	in Institi	ations b	eyond	the district	 69
Corrected nur	nbei	of deaths	ò			 845
Corrected dea	th r	ate .	. •			 22.9
Death rate fo	r the	75 large	towns			 16.0
91))	142 smal	ler town	S		 14.4
,,	,,	whole of	England	d and '	Wales	 15.0

Of the 845 deaths, 428 were males, and 417 females, at the following respective ages:-

314 under 1 year
102 between 1 and 5 years
29 ,, 5 ,, 15 ,,
31 ,, 15 ,, 25 ,,
249 ,, 25 ,, 65 ,,
120 over 65 years.

The death rates for the last decade were:

Year		De	eath Rate
1897	• • •		26.1
1898			26.1
18 9 9			24°I
1900	• • •		27.2
1901			22.0
1902		• • •	22.2
1903		• • •	20.8
1904			20.7
1905			20 6
1906			22.9

The maximum death rate in 1906 was reached in September 33.5, and the minimum in June 13.0

INFANTILE MORTALITY

Number of deaths	of children	under	one year	
during 1906			• • •	314
Rate per 1,000 births	3		• • •	234.2
Rate for the 76 large	st towns	• • •	• • •	146
,, ,, 142 sma	ller towns	• • •		138
,, ,, England	l and Wales		• • •	133

For the last Ten Years:

1897 the	death rate	of Infants	per 1,c	oo birtl	ns, 253°5
1898	, ,	,,		, ,	274.7
1899	,,	, ,		11	242.8
1900	,,	31		21	255.7
1901	13	"		,,	225.1
1902	, ,	,,		,,	195.7
1903	,,	,,		,,	215.1
1904	• •	12		,,	194.2
1905	2.2	,,		٠,	196.7
1906	" "	,,		• •	234.2

(For Infantile Mortality Table see pages 32 & 33).

Of these 314 deaths of infants under one year, 76 died during the first month; diarrhæa which was so prevalent during the months of August, September, and October, caused no fewer than 123 deaths, convulsions 43, respiratory diseases 33, premature birth 28, wasting diseases 27, enteritis 23, infectious diseases 11, tuberculosis 8, overlying 4, and 14 from various other causes.

Average Age

The average age at death for the year is 25¹, but if we exclude infants under 5 years of age, we have an average duration of life of 49 years. The average age of infants under 5 years is 8 months and I week.

Infectious Diseases In compliance with the Infectious Disease (Compulsory Notification) Act, passed in 1889 and adopted in the Borough in 1891, 267 cases of infectious disease were notified during the year:-

Diphtheria and meml	ranous o	croup	• • •	57
Enteric or typhoid fe	ver			31
Scarlet fever		• • •		150
Erysipelas	• • •			26
Puerperal fever				2
Continued fever	***			I
				267

WARD LIST OF NOTHFICATIONS.

	Scarlet Fe	Diph, and wer Membranous Croup	Puer. Fever	Enteric	Erysipelas	Continued Fever
Dresden	8	3	0	()	0	0
Florence	28	I	O	I	4	I
Normacot	24	ΙΙ	I	2	3	О
Meir	22	4	0	3	0	O
St. James'	8	6	O	5	3	O
Sutherland	21	5	0	2	4	0
St. John's	10	8	0	4	2	0
Sandford F	Iill 9	6	O	4	5	O
St. Paul's	14	6	1	2	5	Ö
Market	6	7	О	8	0	0
Total	150	57	2	31	26	Ī

The cost of notification was:-

			£	S.	d.
First Quarter			3	14	6
Second Quarter	• • •		4	I	Ο
Third Quarter	• • •		9	7	0
Fourth Quarter	• • •	• • •	14	7	6
		1	(31	10	О

Scarlet Fever

There were 150 cases of scarlet fever with 4 deaths, giving a case rate of 2687; cases were sent to the Infectious Disease Hospital, Bucknall.

Diphtheria

57 cases of diphtheria and membranous croup caused 2 deaths, the case rate being 3.5 per cent.

The cost of free antitoxin injections for the year was $\pounds 4$ 19s. od. There were 28 curative doses administered, and 29 prophylactic.

22 cases of diphtheria were sent to Bucknall with no deaths.

Erysipelas

There were 26 cases of erysipelas with 2 deaths.

Enteric 1 ever

31 cases of enteric fever were notified, 8 of these cases were sent to the Infectious Disease Hospital, Bucknall.

Year	Number of cases	Deaths	Case rate per cent
1904	73	5	6.8
1905	26	4	15.3
1906	31	5	19.1

Diarrhos and Dysentery Diarrhæa in all its forms caused 144 deaths, 143 of which were under 5 years of age, and 123 under 1 year, particulars of the epidemic are included elsewhere in this Report.

ZYMOTIC DISEASES.

The total number of fatal zymotic diseases during the year 1906 was 186, being 22 per cent of the total deaths and 5.05 per 1,000 of the population. The death rate per 1,000 of the population from the seven principal zymotic diseases is 4.7, the average for the previous 10 years is 3.9. A table of the fatal zymotic diseases in the last decade is appended.

	18	97	1898	1899	1900	1901	1902	1903	1904	1905	1906
Scarlet Fever		1	2	25	14	10	5	3	1	0	-1
Diphtheria & Me branous Croup) <u>5</u>	104	13	13	1	22	17	11	8	2
Enteric Fever		б	15	11	14	12	6	S	5	4	.7
Erysipelas		()	()	1	1	1	1	0	()	0	2
Pertussis	2	4	4	49	()	19	11	0	16	19	13
Diarrho-a	1	()	72	76	69	56	31	4.4	70	63	144
Measles	1	3	21	1	105	-2	0	19	3	13	6
Influenza		()	()	θ	9	5	()	4	()	1	8
Puerperal Fever		()	2	2	2	0	5	1	0	1	2
	15	9	220	178	227	109	78	96	106	109	186

Joint Infections Bucknall

117 cases of infectious diseases were sent to the Joint Diseases Hospital Hospital at Bucknall. Of these 87 were scarlet fever, 22 diphtheria, and 8 enteric fever. There were no deaths from scarlet fever or diphtheria, but 1 from enteric fever.

R spiratory Diseases

Diseases of the respiratory system proved fatal in 221 cases. The death rate therefrom is 60 per 1,000 living. Taking phthisis alone the death rate is 16 per 1,000 of the population. The number of deaths from respiratory diseases does not vary much from year to year, as the figures for the last ten years show.

Congestion of the Lungs Bronchitis Pneumonia Broncho-Pneu monia Pleurisy	1897 140	1898 169	1899 157	1900 159	1901 176	1902 192	1903 138	1904 138	1905 178	1906 154
Phthisis	 42	35	45	52	54	56	52	54	39	62
Asthma	 11	11	8	10	5	7	10	5	2	3
Laryngitis	 5	0	3	1	0	3	12	13	2	2
Croup	 6	1	0	1	1	1	3	1	1	0
	204	216	213	223	236	259	215	211	222	221

Inquests

There were 44 Inquests of which the verdicts were as follows:-

- 16 Natural causes.
 - 3 Suicides.
 - ı Diarrhœa.
 - I Cirrhosis of the liver.
 - I Abscess.
- 22 Accidents sub-divided into: 8 burns, 4 overlaying, 3 fall of coal or roofing in coal-pit, 1 blow from a stone, 1 fractured skull, 1 dislocation of spinal cord, 1 struck by a rolling tub, 1 fall from tree, 1 run-over, 1 injuries whilst shot firing.

Lady Sanitary Inspector's Report.

TO THE MEDICAL OFFICER OF HEALTH, J. W. DAWES, M.B., C.M.

Sir.

I have the honour of submitting to your notice, the following report of my work from May 14th to December 29th, 1906.

During that period I have visited 945 houses where births have occurred, and in the course of my enquiries I found that 569 of the infants were wholly breast fed, 167 bottle fed, and 191 partially breast and hand, breast and bottle, or hand fed, with the addition of patent foods, bread, biscuits, cornflour, sago, etc. The remaining 18 are children who had not taken food, or had left the town immediately after registration.

The mothers of 212 children were otherwise employed than in the care of the home. The greater number of these mothers were able to feed their children by natural means, but in consequence of their absence the children are put out to nurse and artificial feeding resorted to, and are carried out in the early morning to the houses where they are nursed during the day.

Coming a stranger into the town, the impressions created when visiting the houses were the squalid and dirty conditions under which the poorer people live, the improper and careless feeding of the children, and in visiting the houses where diarrhoad deaths had occurred, the storage of food in improper vessels and places in close proximity to foul and offensive cesspools, and offensive open ashpits, the decomposing contents of which caused extensive pollution of the atmosphere. In few houses visited did I find any proper provision for the keeping of food, in many instances milk being kept in scullery or wash-house uncovered, in cupboards

close to fire-place where a big fire was kept up, and with other food on kitchen tables from which swarms of flies arose when approached. Bread is often kept on the floor.

Ventilation seems to be greatly objected to, and in addition to closed windows, I find the chimney in many bedrooms is made up, the excuse being that it is draughty.

These facts in my opinion help to account for the high infantile mortality, and it is only by impressing upon mothers and nurses the importance of thorough cleanliness, and careful feeding of the children that we can hope for better results. In all cases of sickness 1 recommend that medical advice be obtained.

Advice personally has been given, and leaflets giving hints on the feeding and care of children, Diarrhea, Measles, Infectious Diseases, and Consumption have been distributed.

I have paid 563 return visits where I thought the children were being improperly fed or neglected in any way, in several cases paying a weekly visit with satisfactory results. I am pleased to say that the hygienic boat shaped feeding bottle is being more widely used and appreciated.

Diarrhoea Deaths The mothers and homes of 110 children who died from Diarrhoa have been visited, and the information obtained regarding the cleanliness and sanitary conditions of the houses, and employment of the mothers is contained in my special report to you.

House Inspection I have visited and inspected 1194 houses and workshops and served 245 preliminary notices for insanitary conditions found, distributed as follows:-

Dirty conditions of houses		130
Lack of ventilation	h * *	38
Overcrowding		10
Structural defects		40
Foul W.C.'s		18
Accumulation of rubbish		6
Improper keeping of animals		3

Workshops

I have visited 2 factory laundries, 35 workshops, and 12 workplaces, and added 7 workshops to the register. As a result of these visits, notices were served calling attention to the following:-

Want of cleanliness		3
Overcrowding		2
Foul W.C.'s		8
Defective flushing cistern to	\\\`.(`.	ī

1 Workshop with insufficient W.C. accommodation was reported to the Inspector of Nuisances.

I have paid 15 visits to out-workers, and served 4 notices for uncleanly conditions.

Schools

In consequence of visits paid to the Elementary Schools, I have been supplied by the teachers with the names and addresses of children suffering from unclean and verminous heads, and general neglect. I have paid 184 visits to the homes and parents of such children, and given notices to such as were dirty, and advice as to the cleansing of the children, generally with satisfactory results.

Where there has been no improvement, I have reported the cases to the Inspector of the N.S.P.C.C., and have spent some considerable time with him in visiting and re-visiting the Schools, and homes of the children.

In most of the cases of neglect, the money that should have been spent in the up-keep of the home has gone in drink, the children being the chief sufferers. Thave reported to the Inspector 8 cases of neglect affecting the welfare of 23 children.

Lam, Sir,

Yours faithfully,

ADA HANSON.

REPORT

OF

Inspector of Ruisances.

TO THE CHAIRMAN AND MEMBERS OF THE SANITARY COMMITTEE.

GENTLEMEN,

I beg to submit the following report on the work of my department during the year ending Dec. 29th, 1906.

The accompanying table, containing a record of sanitary work accomplished, shows that 1149 inspections have been made, 1051 nuisances found, 887 informal notices served, and 292 notices served after report to your Committee.

Of the nuisances covered by the 887 informal notices, 852 were abated, and 230 after the issue of the 292 legal notices. In this table, where a notice covers more than one defect, a separate notice is counted for each, but the actual number of notices served was 525.

The defects covered by these notices were as follows:-

Houses with dirty, d	lamp, c	or dilapidated co	nditions	• • •	84
,, over-crowde		• • •	• • •	• • •	5
Drains defective		• • •	• • •		31
" stopped					133
,, no disconnec	tion	* * *			15
	• • •	• • •	• • •		24
,, other faults					44
Defects in ashpits					75
,, privies				• • •	79
,, closets (W.C's	and hand-flushed	d)		117
Defective paving					165
Accumulations	• • •	• • •	• • •	• • •	17
Pigsties		• • •			2

Defects in	slaughter-houses			 1.3
11	factories, workshops,	ete.		 34
1.1	lodging-houses			 ()
11	dairies, etc.	• • •	* * *	 1
Other outs	side nuisances			 107

The total number of nuisances occuring in houses was 892, affecting 827 houses: 218 houses were completely examined on account of infectious disease, 122 wholly or partly respecting alleged nuisances, over-crowding, drainage, etc., and of these 340 so examined, 237 had defects of some kind or other; 135 additional visits were made on account of infectious disease, 363 for nuisances found, and 476 for other causes

The total number of complaints received during the year as to nuisances only, was 172. Of these, 88 were made verbally, 19 were anonymous, 34 were written complaints duly authenticated, and 31 were respecting nuisances coming to the notice of the Lady Inspector.

It is satisfactory to be able to report that no legal proceedings were taken during the year for the abatement of nuisances, though in one instance a summons was issued but the hearing was adjourned so as to give the owner an opportunity of doing the work required.

Drainage

Drain tests were made to the number of 157, either on complaint as to alleged defects or during the progress of drainage work, 66 defects being discovered as the result: 67 new drains were inspected, 15 during repair after stoppage and 25 which had been found defective; 199 revisits being made while the work was in progress. These figures only refer to inspections made on receipt of notice from the contractor, and do not represent by any means the number of openings to drains, a great deal of this work being done without any intimation to us.

Provision of Water closets The rate of removal of offensive privy cesspools and the substitution of water closets, though proceeding steadily is somewhat about the same as in 1905.

The conversions were :-

- 8 Slop water closets in place of 8 privy cesspools.
- 61 Water closets ,, 61 ,,
- 31 Hand-flushed closets .. 31 ...
- 2 New water closets .. 2
- 54 New water closets.
- 5 New hand-flushed closets.

The information as to the state of the closet accommodation in the Borough which was collected in 1904 and now brought up to date to the end of the year is :-

Privy Cesspools 2,044	Slop water Closets 931	Fresh water Automatic Closets 337
Cistern water (Hand flushed Pans
1,5	45	2,597

Meat Inspection

Four seizures of unsound meat were made during the year and on receiving your instructions proceedings were instituted against the owners in each case.

The first related to a carcase of beef deposited for sale in the public market in a diseased condition. The owner was fined £10 and costs, £14 4s, in all.

The second related to 12 pieces of pork exposed for sale in the public market, and from portions of which diseased glands had been removed. The owner in this case was fined £,2 and costs, in all £,9–15s. 6d.

The third case related to the flesh of a portion of the carcase of a cow slaughtered whilst suffering from inflammatory ailment. When seized, the meat was in process of being boned prior to its sale to poor people. The two persons in whose possession the meat was found were each fined \pounds ,25 and costs, \pounds ,56 5s. od. in all, with the alternative of three months imprisonment. After some little trouble the person who sold the meat to them was discovered and a summons was issued against him with the result that he too was fined \pounds ,25 and costs, \pounds ,30 6s. 6d. in all.

The fourth seizure was of a cow's cheek sold in a decomposing condition, and brought to my notice by the purchaser. The Magistrates before whom the case was heard decided to dismiss the summons.

 Λ pig's head and side of pork were destroyed at the request of the owner, the same being of doubtful quality.

The total weight of meat destroyed during the year was $863\frac{1}{2}$ lbs.

Da ries, Cow-Sheds, and Wickshops

At the end of the year we had 71 Milkshops on the register, 22 Cow-keepers, and 60 Milk Purveyors residence outside the Borough, the total being 153 as compared with 133 last year.

The condition of our milkshops and cow-houses shows little improvement, the principal obstacle to be overcome in the case of the latter is, as before pointed out, the strong prejudice which exists against the introduction of sanitary measures.

In three cowsheds an attempt has been made to provide additional light and ventilation with satisfactory results, but it is difficult to ensure that the appliances will be used as intended.

During the year six samples of water from wells in the water malysis Borough were submitted to the Public Analyst and were reported on as follows.

- No. 1. Water from a well supplying 6 Cottages. This water is free from sewage contamination and appears in all respects suitable for drinking and domestic purposes."
- No. 2.—From a well at a Milk Farm. "This water shows sewage pollution.....and is unfit for drinking purposes.
- On receipt of this report the owner of the premises was communicated with, and the well was examined, cleaned out, and a leaky drain found in close proximity was removed. A further sample was then submitted for examination, but the water still showed sewage or animal contamination, and was not safe for drinking. A further communication to the owner resulted in arrangement being made for the provision of a supply of water from the mains to this farm and an adjoining house, whose water supply, also from a well, was of a suspicious character.
- No. 3. From a supply used for Cattle. "This water is not very good from a domestic point of view, but is quite passable as a drinking water for cattle.

The remaining sample from a water hole supplying a milk house was pronounced upon as a good water in all respects for drinking and domestic purposes.

Common Lødging-houses

We have now four Common Lodging-houses on the register and I am able to report that in consequence of pressure on the keepers, more care is taken in the management of their premises.

Factories and Workshops Some twenty reports have been received during the year from H.M. Factory Inspectors respecting defective or neglected sanitary provisions in Factories. Action has been taken where necessary and special circumstances in connection with these reports were referred to your Committee.

At the end of the year we had 119 workshops on the register, and 60 bakehouses.

Refuse Removal

The number of applications for the removal of refuse were somewhat greater than last year, the figures being:-

Longton 457

Florence 421

Dresden 50

and the weights collected:-

LONGTON.—5651 tons 16 cwts, being a decrease of 114 tons, 6 cwts, on the previous year.

FLORENCE.—2985 tons, 16 cwts, being a decrease of 7 tons, 5 cwts, on the previous year.

Dresden.—839 tons, 2 cwts, being an increase of 23 tons on the previous year.

The total quantity of refuse destroyed at the destructor was 9,476 tons, 14 cwts. The whole of this refuse was consumed there, none being used during the year for the manufacture of manure.

Manure

Some 153 loads of manure were in stock at the beginning of the year, and this has all been sold, the quantity being a decrease of 66 loads on the sales of 1905.

The weight of mortar sold, 651 tons, 17 cwts, was an increase of 34 tons 14 cwts on the amount disposed of last year.

Nightsoil

It was again found necessary to investigate the conduct of this work and as the result of a report to your Committee on observations made, it was decided that a more extensive change in the staff was necessary. This was carried out and the work now proceeds more satisfactorily and is performed more conscientiously than has been the case for some considerable time.

The number of applications for the removal of nightsoil were considerably less than last year, being:-

Longton 1106. Florence 284. Dresden 188.

The quantity reported to have been collected was:-

LONGTON. $-2524\frac{1}{2}$ tubs, a decrease of $1326\frac{1}{2}$ tubs collected in 1905.

FLORENCE,— $827\frac{3}{4}$ tubs, a decrease of $362\frac{1}{4}$ tubs collected in 1905.

Dresden.—216 tubs, a decrease of 179 tubs collected in 1995.

This heavy decrease is to a great extent due to the fact that during the greater part of the year it has been found possible to carry on the work efficiently with a tub less per night, and therefore a less number of men, and perhaps also, that since the change before mentioned was made, the returns of the work done are more reliable than formerly.

Disposal of Nightsoil

Of the 3,568 tubs collected, 1,102 were tipped into the sewers, 2,431 were disposed of to farmers, and the balance, 35 tubs, were conveyed to the destructor, the contents being solid materials removed while cleansing cesspools and for which there was no other means of disposal.

Disinfection

There was still a demand for the loan of lime brushes, though the number required, 610, was 98 less than last year. In consequence of the frequent delay in the return of brushes by borrowers and the large number it was thus necessary to stock, I suggested to you in July that a time limit should be fixed for the loan of the brushes, and that a small deposit be

required which would be returned on receiving back the brush within that time. It was agreed that the time allowed should be three days, and a deposit of two pence be required. There has been no difficulty in the working of this arrangement, and it has resulted in the prompt return of the brushes. A sum of 7.8 has already been forfeited by borrowers who exceeded the time allowance.

The Steam Disinfector was in use on 305 occasions during the year, 6,427 articles being passed through. In consequence of the increased number of infectious disease cases occuring in the Borough, it was found necessary on several occasions to temporarily increase the staff engaged in the work of disinfection. Some 309 rooms of houses and 29 rooms of schools were disinfected by spraying with formalin solution.

Prosecution for Exposure of Infected Goods

Upon a report to you that certain goods had been transmitted from infected premises without disinfection, and that a case of scarlet fever had been traced to this neglect, you issued instructions for legal proceedings to be taken against the offender as a warning to others. The Magistrates at the hearing of the case decided to dismiss the summons on payment of costs (11/6).

In concluding my report I feel that though the amount of work done is small compared with that which is still to be done, the sanitary condition of the Borough is slowly though surely improving, and I take this opportunity of thanking you, Gentlemen, for the strong support you have given to me at all times in dealing with matters to which I have, I am afraid sometimes too frequently, been obliged to bring to your notice.

Lam, Gentlemen,

Yours faithfully,

E. CARRATT.

TABLE 1. BOROUGH OF LONGTON.

Years.
previous
and
1906
during
DISTRICT
MHOLE
STATISTICS OF
VITAL

				h. 1	1						3	
		BIRTHS	ý I		DEATHS	Э Ц		Total	Deaths of Non-	Deaths of Residents	Net De	Net Deaths at
	Population estimated to			Under 1 3	Under 4 Year of Age	Aral	At all Ages.	Denths	registered	registered in Public	District.	g to me
Year.	Middle of cach Year.	Number	linte	Number	Rate per 1,000 Biriles registered	Number	Rate	Institutions in the District.	the first in the transfer the transfer the transfer transfer the transfer t	hous b vend the	Name of an area	Bud Cod Cod And pount
1896	35,077	1,361	87.8	::20	135	819	23.3					
1600 1000 1000 1000 1000 1000 1000 1000	35,227	1,40s	56 50 50 50 50 50 50	10 80 10 80 10 80 10 80	- 10:10:20 10:20 10 10:20 10 10 10 10 10 10 10 10 10 10 10 10 10	5 5 5 5 5	- 196 - 196 - 196	Deaths of	Deaths of Residents Registered	Registered		
1899	85.827	1,355	; 50 ; 5 12 ; 5 X ;	- F	8 2 7 7	500 S	:	outside the	outside the District not previously recorded.	t previously		
0061	30,68 37,838	1,3892	x =	350	7.007	55	0.00	10	1.5	7.7	001	30.00
1905	37,516	1,420	2 17	8/2	195.7	757	; 0; 1:0;	14	0 01	(),9	2 in	161
1903	37,054	1,306		281	215.1	7.21	19 4	90	1-	09	+11	₹ 51
1904	36.648	1,367	37.3	259	194.5	686	18.1	13	20	97	759	7 (17
1905	36,776	1.311	35 6	258	1.96.1	677	+ 81	7	ç1	S	092	9 05
Average for Years 1896-1905.	36,069	1,363	17.78	312	7.87	808	4.55	-	•••	02	1 - 1 - 1 -	21.5
1905.	36,797	1,339	36 4	31.	234.5	922	21.08	56	0	69	845	6 66
Aı	Area of District of area cove		in acres (exclusive		2000 To Nu Av	tal popu unber of erage in	Fotal population at all ages Number of inhabited houses Average number of persons	Fotal population at all ages Number of inhalited houses Average mumber of persons per house		35.815 7.014 5.14	at census 1901.	
Institutio siek and	Institutions within the District receiving siek and infirm persons from outside the District.	District recens from outsiet.	aiving aide	-	Institions o	mtside the	District rece	Institions ontside the District receiving sick and infirm persons from the District.	ով ունքուս թե	rsons from	the District.	
Long	Longton Cottage	e Hospital.	l.		Stoke Union Workhouse. North Staff Infirmary.	on Worl	shonse. nary.	Joint 1	nfections Buc	Joint Infections Disease Hospital, Bucknall.	Hospital,	

Infantile

123 a under ILear / 200 20 a 17 रतम्बुप् मित्रुवी AGE 9 .sdtnoM 21-11 OF 1 a .sdbnoK 11-01 ONE YEAR 00 Н 9-10 Months. Year 1906. 0 [sdanolz 6-8 Ø / 7-8 Months. UNDER ΙΙ 4 Months. CERTIFIED. 10 5-6 Months. Mortality during the WEEKS AND MONTHS 13 N sdunolf 6-4 ALL 91 3 3-4 Months. 17 a 2.3 Months. 15 a 3 1-2 Months. under 1 Month 28 0 Н 1 CI Total N a CAUSES IN 3-4 Weeks 3 5-3 №еекв. \sim 4 1-2 Weeks. STATED \sim 0 5 2 Under I Week. : : Atophy, Debility, Marasmus Enteritis (not Tuberculous)... Gastritis, Gastro intestinal CAUSE OF DEATH. FROM Diphtheria, Croup ... Congenital Defects... Whooping Cough ... Diarrhœa, all forms Catarrah Premature Birth All Causes Injury at Birth DEATHS Measles

Tuberculous Meningitis							Н	Н					Н				m	
Tuberculous Peritonitis, (H						ы	
Other Tuberculous Diseases							2		н				н				+	
Erysipelas					:			Н									H	
Syphilis						I			I			H					3	
Meningitis (not Tuberculous)							_							7		Ħ	3	
Convulsions	15	3	7	н	21	4	9	Н	Н	6	2	2		H	2	I	43	
Bronchitis				77	7		23	Н	2		5	H	+	3	2	5	27	33
Pneumonia					-			H	H		П	(7)	н				9	
Suffocation, overlying						H	Luq	2									4	
Other Causes		Ι			н		Н	Н		Н	7		H	П		Ι	6	
	46	12	<u>∞</u>	OI	92	27	35	29	24	13	29	91	61	I L	15	+ 1	314	
				,	-			,										

Births in the Year; Legitimate 1240, Illegitimate 99. Deaths in the Year; Legitimate 279, Illegitimate 35. District (or sub-division) of Longton. Deaths from all Causes at all Ages, 845.

Population, estimated to middle of 1906, 36,797.

Causes of, and Ages at, Death during the Year 1906. URBAN DISTRICT OF LONGTON.

TABLE IV.

				Ĭ	Deaths a	t Subjoine occuring in	Deaths at Subjoined Ages of "Residents" whether occuring in or beyond the District	Residents" the Distri	whether		Deaths in
CAUSES OF	реатн			All	Under 1 Year	1 and uuder 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Public Institutions
Small-pox			:								
Measles	:	:	:	9	8	3	Н				н
Scarlet Fever	:	:	•	4		64	6				H
Whooping Cough	:	:	:	13	7	9					
Diphtheria and Membranous Croup	mous Cro	dn	•	8	Н		Н				
Croup Fever Typhus Epidemic Influenza	 	: : : : :		rv 80		н н			च च	n	34 H
Cholera Plague											
Diarrhæa	:	:	•	I 44	123	20				н	
Enteritis	•	•	:	30	22	9			Н	П	Н
Puerperal Fever	:	* *	•	7				61			
Erysipelas		•	•	2	н				н		100

Other Septic Diseases		:	+		I		Þ.	2		3	}
Phthisis	•	:	62	3	4	5	II	38	Н	7	
Other Tubercular Diseases	:	:	15	5	5	2	Н	73		7	
Cancer, Malignant Disease	:	•	32					23	6	9	
Bronchitis	:	*	100	19	15	2	2	36	26	9	
Pneumonia	:	:	33	9	6	Н	3	II	3	2	
Pleurisy											
Other Diseases of Respiratory S	System		26	∞	12		ы	 +	I		
Alcoholism—Cirrhosis of Liver	• •		13					II	2	3	35
Venereal Diseases	* *		+	3				I		beet	
Premature Birth	•	:	28	28				_		I	
Diseases and Accidents of Parturition	rition	*	7							I	
Heart Disease	•	:	19	H	Н	5	2	37	15	15	
Accidents	•	:	26	+	3	+	3	6	3	91	
Suicides	•	:	3				Н	7			
All other causes	:	*	220	Sı	13	9	+	19	55	28	
All causes			845	314	102	29	31	249	120	95	

Factories, Workshops, Laundries, Workplaces & Homework. 1.--Inspection.

Dramicas			Number of		
	Inspections.		Written Notices.		Prosecutions
Factories (including Factory Laundries)	37				
Workshops (including Workshop Laundries)	104				
Workplaces (other than Outworkers' premises					
included in Part 3 of this Report)	12				
Total	153				
2.—Defects Found	d.				
			Number of Defects	cts	Northern N
Particulars.		Found	Remedied	Referred H.M. Inspector	Prosecutions
Nuisances under the Public Health Acts :-					
Want of Cleanliness	:	5	5		
Overcrowding	:	3	33		
Other Nuisances	:	3	2		
_	:	7	5		
Sanitary Accommodation / unsuitable or defective	:	27	26		
not separate for sexes	:				
Offences under the Factory and Workshop Act:-					
Breach of Special Sanitary Requirements for Bakehouses	:	3	9		
Other Offences (excluding Offences relating to Outwork					
which are included in Part 3 of this Report)	:	I	I		
Total	:	49	43		

N.B.—These Tables include the work of a Lady Sanitary Inspector.

3. Home Work.

	Lists Employe	Lists received from Employers twice in the	Addresses	Number	unwholesome premises	ne premises
NATURE OF WORK.		Year.	Outworkers forwarded	Inspections of Outworkers	Instances	Notices
	Lists	Outworkers	to orner Councils.	premises.		, lyen,
Making of Wearing Apparel	12	31	+	34	25	25
4Reg	4Registored Workshops.	orkshops.				
Workshops on Re	Workshops on Register at the end of the year.	f the year.				Number
Workshops	:		•		:	611
Bakehouses	:	:	:	:	•	09
Total number of Workshops on Register	Workshops	on Register	•		*	6/1
5	5Other Matters.	tters.				
	CLASS.					Number
1						
Matters notified to 11.31: Inspector of Factories .— Failure to affix Abstract of the Factory and Workshops Act	res :— and Worksho	ns Act	:	•	,	N
Action taken in matters referred by H.N.	I. Inspectors	(Notified b	y H.M. I	nspector	٠	20
as remediable under the Public Health Acts, but Reports (of action taken) sent to	th Acts, but	Reports (c	f action t	taken) sen	t to	(
not under the Factory and Workshop Act	Act		n m. inspector	JOE	:	0
Other	•	:	•	:	•	→

Table VI.—Borough of Longton.

Summary of Sanitary Work done in the Nuisance Inspector's Department during the year 1906.

				ber of	Abatemer	nt Notices.		s Abated otice by
			Inspections and Observations made.	Defects found	Informal by Inspector.	by	Inspector.	Authority
Dwelling	Foul Conditions		ΙΙ	20	20	3	20	3
Houses and	Structural Defects	3	40	64	48	16	49	18
Schools	Overcrowding	• • •	22	5	5		5	
Lodging-l	nouses	• • •	37	9	8	I	l I	
Dairies aı	nd Milkshops		21	I _	I	2	I	I
Cowsheds			35		I		19	
	Bakehouses } orkshops }		10.1	34	34	2	36	2
Slaughter	-houses		61	13	10		10	
Ashpits a	nd Privies	• • •	110	1 54	II	175	7	126
Deposits of	of Refuse & Manur	е	2 6	17	17		17	
Water Cl	osets		121	117	117	24	125	22
	Defective Traps		3	5	5		5	
House Drainage	No Disconnection		10	15	15	13	12	13
			250	227	227	7	209	6
Water Su	pply		8	2	2			
Pigsties		• • •	6	2				
Animals i	mproperly kept		6	4	4	I	I	I
Smoke N	uisances		8					
Other Nu	isances		270	362	362	48	325	38
	Totals		1149	1051	887	292	852	230

Table VI. Continued.

Unwholesome food:—	Nos.
Number of Seizures	4
Condemned by Magistrate	4
Prosecutions for exposing for sale	4
Convictions ", ", …	4
Samples of Water taken for Analysis	6
" condemned as unfit for use	3
Precautions against Infectious Disease	
Lots of Infected Bedding Disinfected or Destroyed (2	ticles) 6427
Houses Disinfected after Infectious Disease (Rooms)	309
Schools " " " " (Rooms)	29
Prosecutions for Exposure of Infected Persons or thi	gs I
Convictions ,, ,, ,,	I

(Signed), E. CARRATT,

Inspector of Nuisances.

February 8th, 1907.

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TABLE III.

URBAN DISTRICT OF LONGTON.

Cases of Infectious Disease notified during the Year 1906,

				Cases 1	Cases Notified in Whole District	e District		
NOTIFIABLE DISEASE.		At all ages	Under 1 Year	l to 5 Years	5 to 15 Years	15 to 25 Years	25 to 65 Years	65 and Upwards
Diphtheria	:	56	3	15	20	6	_ ∞	ı
Membranous Croup	:	—	0	0	I	0	0	0
Erysipelas	:	26	2	H	4	4	12	т
Scarlet Fever	:	150	0	45	98	15	4	0
Enteric Fever	:	31	0	æ	7	3	81	0
Continued Fever	:	I	0	I	0	0	0	0
Puerperal Fever	:	2	0	0	0	2	0	0
		267	5	65	118	33	42	+

Isolation Hospital: Joint Infectious Diseases Hospital, Bucknall.